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Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Original) A capacitor, comprising:
a housing, the housing comprising dimensions that conform to standardized battery dimensions; and
a capacitor cell, the cell disposed in the housing and electrically coupled to the housing.
2. (Original) The capacitor of claim 1, wherein the housing comprises a standard D-cell sized battery form factor.
3. (Currently amended) The capacitor of claim 1, wherein the housing comprises a standard C-cell sized battery form factor.
4. (Currently amended) The capacitor of claim 1, wherein the housing comprises ~~an~~ a standard AA-cell sized battery form factor.
5. (Currently amended) The capacitor of claim 1, wherein the housing comprises ~~an~~ a standard AAA-cell sized battery form factor.
6. (Original) The capacitor of claim 1, wherein the housing comprises one or more connectors, wherein the one or more connectors comprise standardized battery connectors.
7. (Original) The capacitor of claim 1, wherein the capacitor cell comprises a double-layer capacitor.

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8. (Original) The capacitor of claim 7, wherein the double-layer capacitor comprises a dry particle based electrode.
9. (Original) The capacitor of claim 7, wherein the double-layer capacitor comprises a dry particle based rolled electrode.
10. (Currently amended) The capacitor of claim 7, wherein the double-layer capacitor includes two collectors, wherein the two collectors and the housing comprise substantially the same metal, and wherein the collectors are electrically coupled to the housing.
11. (Original) The capacitor of claim 1, wherein the capacitor comprises a nominal maximum operating voltage of about 2.5 to 3.0 volts.
12. (Original) The capacitor of claim 1, wherein the capacitor comprises a capacitance of about 0.1 Farad or above.
13. (Original) The capacitor of claim 1, wherein the capacitor comprises a specific energy density at about 2.5 volts of less than or equal to about 6.5 Wh/kg.
14. (Original) The capacitor of claim 1, wherein the capacitor comprises a specific power density at about 2.5 volts of less than about 8700 W/kg
15. (Original) The capacitor of claim 2, wherein the housing comprises an outer diameter of $33+0/-1$ mm and a height of $61.5+0/-2$ mm.
16. (Original) The capacitor of claim 1, wherein the housing comprises a standardized power tool battery sized form factor.

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17. (Original) A double-layer capacitor, comprising:
a housing, the housing comprising dimensions that conform to standardized battery dimensions; and
a double-layer capacitor electrically coupled to the housing within the housing.
18. (Currently amended) A method of making a battery sized capacitor, comprising the steps of:
providing a double-layer capacitor;
providing a battery-sized housing, the housing including an open end;
inserting the double-layer capacitor into the open end of the housing; and
sealing the open end of the housing.
19. (Currently amended) A capacitor, comprising:
a double-layer capacitor; and
housing means for housing the double-layer capacitor, wherein the housing means comprises a battery form factor sized housing.
20. (Canceled)
21. (Original) A battery sized energy storage device, comprising:
a housing; and
a rolled electrode, the rolled electrode including two collectors, wherein the two collectors and the housing comprise substantially the same metal, wherein the collectors are coupled to the housing to form an electrical connection.
22. (Original) The battery sized housing of claim 21, wherein the electrical connection provides a polarity independent path for application of energy to the energy storage device.
23. (Original) The battery sized housing of claim 21, wherein the energy storage device comprises a double-layer capacitor.

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24. (Original) The battery sized housing of claim 21, wherein the electrical connection may receive energy with positive or negative polarity.
25. (Original) The battery sized housing of claim 21, wherein the electrical connection comprises a laser weld.
26. (New) A capacitor comprising:
a cylindrical housing comprising standardized battery form factor dimensions, the cylindrical housing comprising a first terminal on a first end of the cylindrical housing and a second terminal on the second end of the cylindrical housing opposite the first end of the cylindrical housing; and
a capacitor cell disposed within the cylindrical housing, the capacitor cell comprising a first collector disposed on a first side of the capacitor cell and electrically connected to the first terminal of the cylindrical housing and a second collector electrically disposed on a second side of the capacitor cell opposite the first side and connected to the second terminal of the cylindrical housing.
27. (New) The capacitor of claim 26, wherein the capacitor cell comprises a double-layer capacitor.
28. (New) The capacitor of claim 26, wherein the capacitor cell comprises a rolled electrode capacitor cell.
29. (New) The capacitor of claim 26, wherein the first terminal may receive energy with positive or negative polarity.